

1-31-01  
jc915 U.S. PTO  
01/30/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
REQUEST FOR FILING NATIONAL PATENT APPLICATION

Under 35 USC 111(a) and Rule 53(b)

PATENT APPLICATION

Hon. Commissioner of Patents  
Washington, D.C. 20231

WITH SIGNED DECLARATION

NONPROVISIONAL  
NON REISSUE  
NON PCT NAT PHASE

jc944 U.S. PTO  
09/772786  
01/30/01

Sir:

Herewith is the PATENT APPLICATION of  
Inventor(s): Morito Morishima; Kazuhiko Honda;  
Masao Noro; and Nobuaki Tsuji

Title SQUARE-WAVE SIGNAL MODIFYING DEVICE, LIGHT  
EMISSION CONTROL DEVICE AND CURRENT SUPPLY  
DEVICE SUITABLE FOR USE IN HIGH-SPEED  
WRITING ON RECORDING MEDIUM

Atty. Dkt.: PM 024 5670 | H7442US  
M# | Client Ref

including:

Date: January 30, 2001

1. Specification: 33 pages (only spec. and claims) 2. ☐ Specification in non-English language  
3. Declaration ☒ Original ☐ Facsimile/Copy ☒ Abstract 1 page(s); 9 numbered claims  
4. ☒ Drawings: 4 sheet(s) ☒ informal; ☐ formal of size: ☒ A4 ☐ 11"  
5. ☐ See top first page re prior Provisional, National or International application(s). ("X" box only if info is there and do not  
Complete corresponding item 5 or 6). (Prior SN )

M#

6. AMEND the specification please by inserting before the first line: -- This is a ☐ Continuation-in-Part  
☐ Divisional ☐ Continuation ☐ Substitute Application (MPEP 201.09) of:

- 6(a) ☐ National Appln. No. / filed (M#)  
6(b) ☐ International Appln. No. / filed /  
which designated the U.S., and that International Application ☐ was ☐ was not published under PCT Article 21(2) in  
English.--

7. ☐ AMEND the specification by inserting before the first line: -- This application claims the benefit of U.S.  
Provisional Application No. 60/ /, filed / . --

8. ☒ Attached is an assignment and cover sheet. Please return the recorded assignment to the undersigned.  
9. ☐ Prior application is assigned to /

by Assignment recorded / Reel / Frame /

10. FOREIGN priority is claimed under 35 USC 119(a)-(d)/365(b) based on filing in Japan

11. / (country)

Application No.	Filing Date	Application No.	Filing Date
(1) 2000-028908	February 1, 2000	(2)	
(3)		(4)	
(5)		(6)	
(7)		(8)	
(9)		<input type="checkbox"/> See 3 <sup>rd</sup> page for additional priorities	

12. 1 (No.) Certified copy (copies): ☒ attached; ☐ previously filed (date) /  
in U.S. Application No. / filed on /

13. Small entity status ☐ is not claimed; ☐ is claimed (Pre-filing confirmation required)

- 13(a) ☐ Attached: / (No.) Small Entity Statement(s) (since 9/8/00 small entity statement(s) not essential to make claim)

- 13(b) ☐ See NONPUBLICATION REQUEST under Rule 213(a) attached (PAT-258)

14. **DOMESTIC/INTERNATIONAL** priority is claimed under 35 USC 119(e)/120/365(c) based on the following provisional, nonprovisional and/or PCT international application(s):

Application No.	Filing Date	Application No.	Filing Date
(1)		(4)	
(2)		(5)	
(3)		(6)	

15. ☐ This application is being filed under Rule 53(b)(2) since an inventor is named in the enclosed Declaration who was not named in the prior application.

16. ☐ Attached:

17. ☒ Preliminary Amendment: (attached)

**THE FOLLOWING FILING FEE IS BASED ON CLAIMS AS FILED LESS ANY ABOVE CANCELLED**

				Large/Small Entity		Fee Code
18. Basic Filing Fee				\$710/\$355	\$710	101/201
19. Total Effective Claims	9	minus 20 =	*0	x \$18/\$9 =	+ 0	103/203
20. Independent Claims	7	minus 3 =	*4	x \$80/\$40 =	+ 320	102/202
*If answer is zero or less, enter "0"						
21. If any proper multiple dependent claim (ignore improper) is present, add (Leave this line blank if this is a reissue application)				+ \$270/\$135	+ 0	104/204
22. TOTAL FILING FEE ENCLOSED =					\$1030	
23. If "non-English" box 2 is X'd, add Rule 17(k) processing fee				+ \$130	+ 0	139
24. If "assignment" box 8 is X'd, add recording fee				+ \$40	+ 40	581
25. <input type="checkbox"/> Attached is a Petition/Fee under Rule No.				+ \$130	+ 0	122
26. TOTAL FEE ENCLOSED =					\$1070	

Our Deposit Account No. 03-3975

Our Order No. 051270      024 5670  
C#      M#

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficient fee only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown above for which purpose a duplicate copy of this sheet is attached.

This **CHARGE STATEMENT** does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.

**Pillsbury Winthrop LLP**  
**Intellectual Property Group**

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NOTE: File in duplicate with 2 post card receipts (PAT-103) & attachments

PATENT  
051270.024 5670

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:  
MORISHIMA, et al.

Group No.: Not Assigned

Serial No.: Not Assigned

Examiner: Not Assigned

Filed: January 30, 2001

For: SQUARE-WAVE SIGNAL MODIFYING DEVICE,  
LIGHT EMISSION CONTROL DEVICE AND CURRENT  
SUPPLY DEVICE SUITABLE FOR USE IN HIGH-SPEED  
WRITING ON RECORDING MEDIUM

**CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL**

"Express Mail" Mailing Label No. EL 724 020 499 US

Date of Deposit: January 30, 2001

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

I hereby certify that

- ☒ Letter of transmittal
- ☒ Check in the amount of \$1030 as filing fee.
- ☒ Patent application (33 pages of specification; 9 claims; 1 pages of abstract)
- ☒ 4 sheet(s) of informal drawings
- ☒ Declaration/Power of Attorney by Assignee
- ☒ Executed assignment, with Recordation Cover Letter and check in amount of \$40
- ☒ Certified copy of Japanese patent application(s) from which priority is claim in the subject case pursuant to 35 USC § 119
- ☒ Preliminary Amendment
- ☒ Return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 CFR 1.10 on the date indicated above and are addressed to:

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231.

January 30, 2001

Date of Deposit

Paula Dunn

Paula Dunn